The Embedded I/O Company

TEWS TECHNOLOGIES

TA207

MDR68 Terminal Block

68-pin terminal block with female MDR type connector

Version 1.0

User Manual

Issue 1.0.0

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TA207-10R MDR68 Terminal Block

68-pin terminal block with female MDR type connector

Style Conventions

Hexadecimal characters are specified with prefix 0x, i.e. 0x029E (that means hexadecimal value 029E).

For signals on hardware products, an ‘Active Low’ is represented by the signal name with # following, i.e. IP_RESET#.

Issue	Description	Date
1.0	First Issue	September 2016

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1 Product Description

The TA207 is used as a standard interface for a switch cabinet to connect TEWS modules with a 68-pin Mini D Ribbon Connector with other system devices. The MDR68 Terminal Block is therefore an essential wiring interface for prototyping and in the same way for machine and peripheral equipment.

The TA207 has a universal socket and may simply mount on standard EM mounting rails as a compact terminal strip. The screw connections of the used terminal block have a nominal cross section of 2.5 mm^2.

An additional screw connector provides a possibility to connect the shield of the 68pin male MDR type connector to external case ground.

2 Terminal Block Pin Assignment

Terminal	MDR68 Pin
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34

Terminal	MDR68 Pin
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68

Table 2-1 : TA207 Terminal Block Pin Assignment

X14 Terminal Block	X1 Female MDR
1	e.g. Case Ground or Shield
2	

Table 2-2 : TA207 Additional Terminal Pin Assignment

3 Assembly Drawing

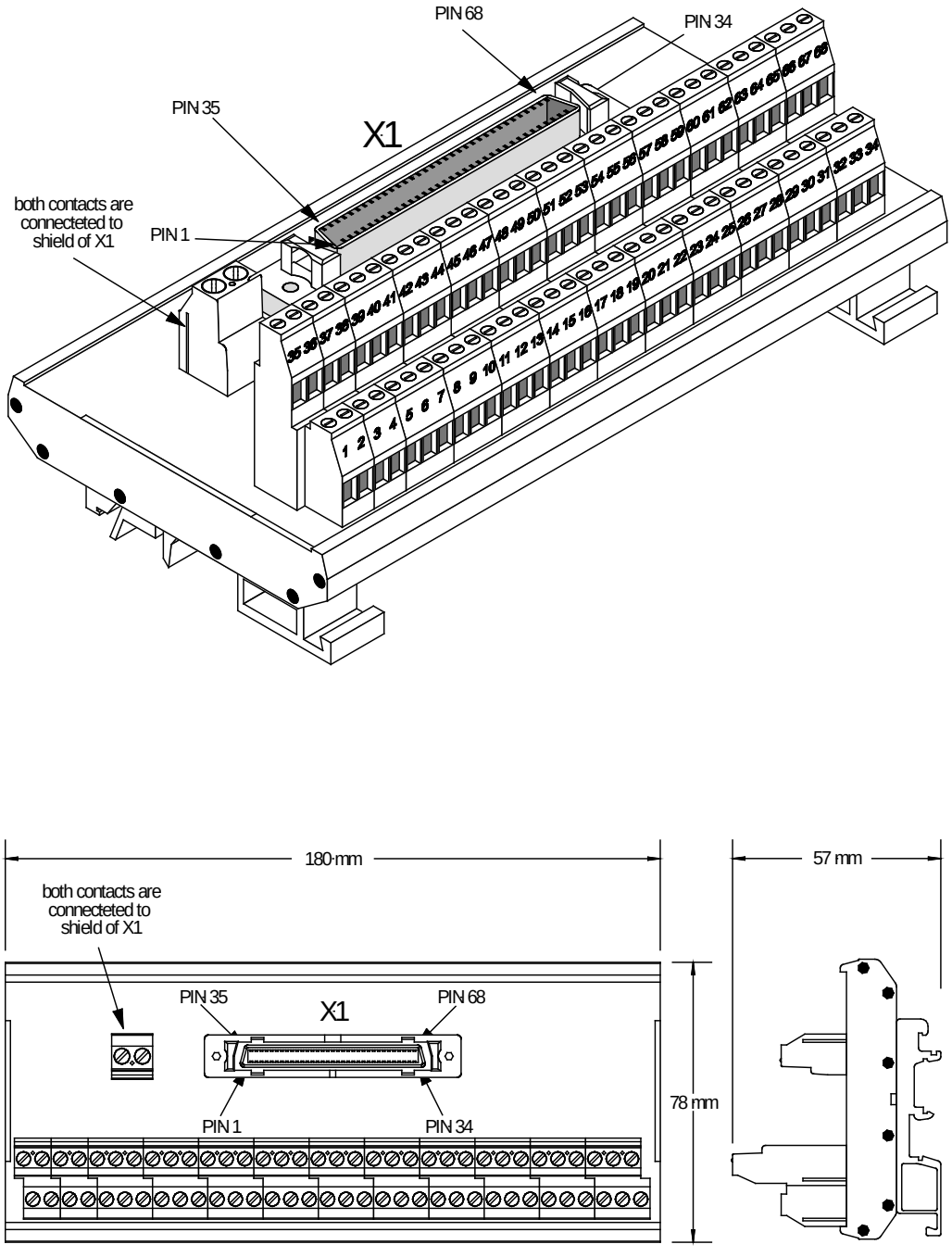

Figure 3-1 : TA207 Assembly Drawing